

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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www.miamidade.gov/pera/

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

M.Q. Windows, Inc. 1855 Griffin Rd. Suite A-271 Dania, FL 33004

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "S200" Wood Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No.**W06-12**, titled "Series S200 Wood Fixed Wdw.(LMI)", sheets 1 and 9 of 9, dated 02/14/06 with revision #1 dated 07/04/11, prepared by manufacturer, signed and sealed by Scott Wolters, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises and renews NOA # 06-0505.08 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

W

NOA No. 11-1103.04 Expiration Date: August 03, 2016 Approval Date: March 08, 2012

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. **W06-12**, titled "Series S200 Wood Fixed Wdw.(L.M.I.), sheets 1 through 9 of 9, dated 02/14/06 with revision#1 dated 07/04/11, prepared by manufacturer, signed and sealed by Scott Wolters, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94.

along with installation diagram of a wood single hung window with rectangular transom, prepared by Hurricane Test Laboratory, LLC. Test Report No. **G118-0202-05** and **G118-0705-05**, dated 02/08-11/05, signed and sealed by Vinu J. Abraham, P.E. (Submitted under previous NOA# 06-0505.09)

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94.

along with installation diagram of single hung window with radius transom, prepared by Hurricane Test Laboratory, LLC., Test Report No. **0118-1215-03**, dated 12/17/03-01/15/04, signed and sealed by Vinu J. Abraham, P.E.

(Submitted under previous NOA# 06-0505.09)

- 3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with installation diagram of single hung window with radius fixed transom, prepared by Hurricane Test Laboratory, LLC., Test Report No. **G118-0816-04**, dated 12/17/03-01/15/04, signed and sealed by Vinu J. Abraham, P.E.

(Submitted under previous NOA# 06-0505.09)

Mauuel Service, P.E.
Product Control Examiner

NOA No. 11-1103.04

Expiration Date: August 03, 2016 Approval Date: March 08, 2012

M. Q. Windows, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS:

- 1. Anchor verification calculations and structural analysis, complying with FBC-2007 and 2010, dated 03/08/06, revised and updated on 01/27/12, prepared by Wolters Engineering, signed and sealed by Scott Wolters, P.E.
- 2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11–0325.05 " issued to Solutia, Inc. for their "Saflex and Vanceva clear and color interlayers" dated 05/05/11, expiring on 05/21/16
- 2. Notice of Acceptance No. 08–1118.07 issued to Oldcastle Glass Inc. for their "StormGlass Glass Interlayer", dated 03/05/09, expiring on 12/11/13.

F. STATEMENTS

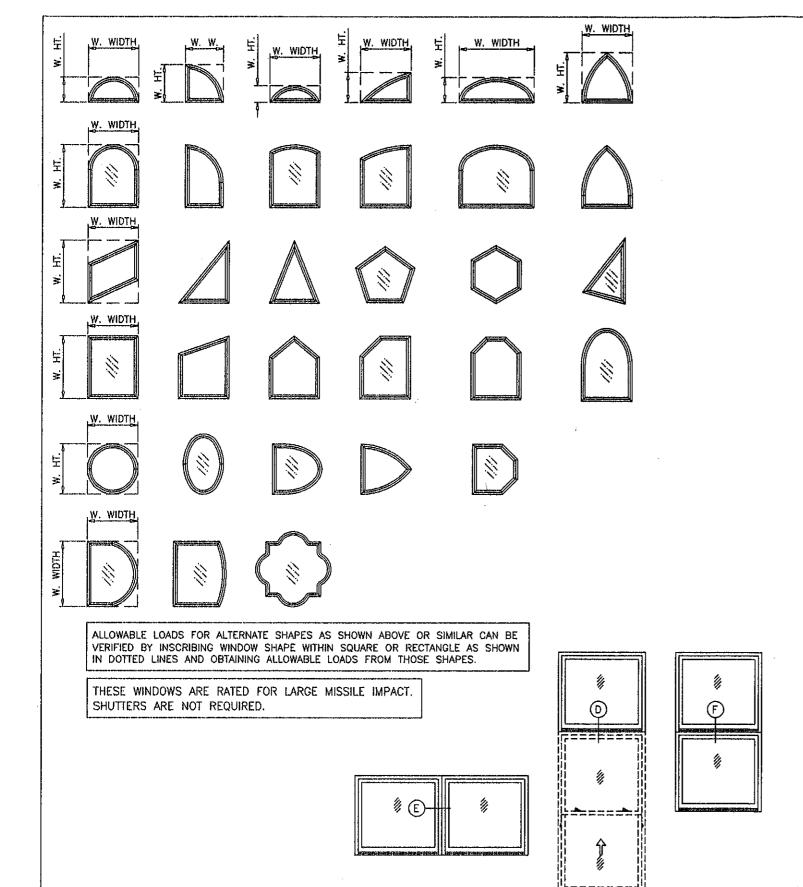
- 1. Statement letter of conformance, complying with the FBC-2007 and FBC-2010, dated 01/27/12, prepared by Wolters Engineering, signed and sealed by Scott Wolters, P.E.
- 2. Statement letter of no financial interest, dated 11/01/11, signed and sealed by Scott Wolters, P.E.

G. OTHERS

1. Notice of Acceptance No. **06-0505.08**, issued to M.Q. Windows. for their Series S200 Wood Fixed Window – L.M.I., approved on 08/03/06 and expiring on 08/03/11.

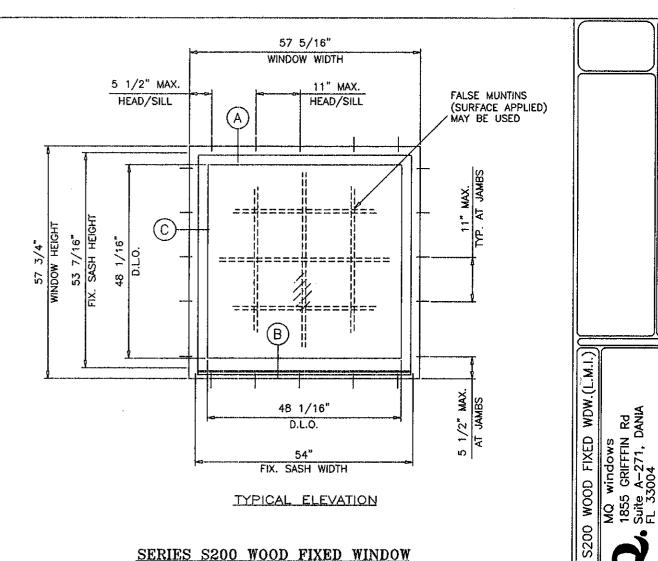
Manuel Perez, P. F. Product Control Examiner NOA No. 11-1103,04

Expiration Date: August 03, 2016 Approval Date: March 08, 2012



APPROVED CONFIGURATIONS

APPROVAL APPLIES TO INDIVIDUAL UNITS OF FIXED WINDOWS, FIXED OVER FIXED WINDOWS OR FIXED OVER SINGLE HUNG WINDOWS. ALSO SIDE BY SIDE COMBINATIONS OF FIX. TO FIX. IN MODULES OF TWO OR MORE UNITS.



TYPICAL ELEVATION

SERIES S200 WOOD FIXED WINDOW

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE.

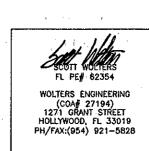
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF WOOD ANCHORS ONLY.

ALL WOOD NOT SEPARATED FROM AND/OR IN DIRECT CONTACT WITH CONCRETE AND MASONRY SHALL BE TREATED IN AN APPROVED PRESERVATIVE OR SHALL BE AN APPROVED DURABLE SPECIES PER FBC 2007 ch. 2326.2.4.



PRODUCT REVISED as complying with the Florida **Building Code** Acceptance No 11-1103.04 Expiration Date <u>Avg. 3, 2016</u>

drawing W06 - 12

JAN 27 2012

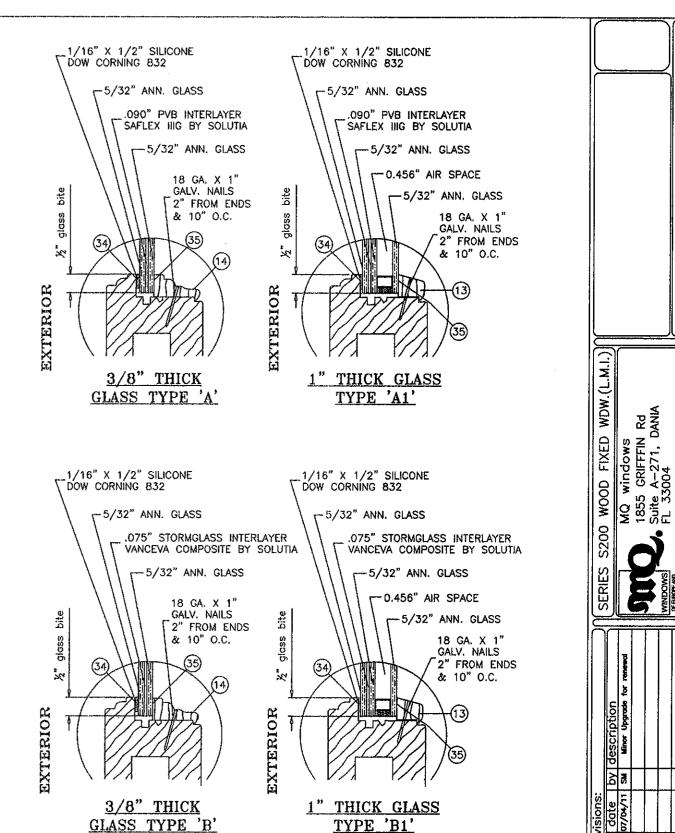
sheet 1 of 9

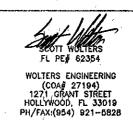
DESIGN LOAD CAPACITY - PSF						
WINDOW DIMS.			TYPES & 'B'	GLASS TYPES 'A1' & 'B1'		
WIDTH	HEIGHT	EXT.(+)	INT.()	EXT.(+)	INT.(-)	
26-1/2"		60.0	70.0	60.0	70.0	
32"		60.0	70.0	60.0	70.0	
37"		60.0	70.0	60.0	70.0	
42"	34-1/4"	60.0	70.0	60.0	70.0	
48"		60.0	70.0	60.0	70.0	
53-1/8"		60.0	70.0	60.0	70.0	
57-5/16"		60.0	70.0	60.0	70.0	
26-1/2"		60.0	70.0	60.0	70.0	
32"		60.0	70.0	60.0	70,0	
37"		60.0	70.0	60.0	70.0	
42"	46-1/4"	60.0	70.0	60.0	70,0	
48"		60.0	70.0	60.0	70.0	
53-1/8"		60,0	70.0	60.0	70.0	
57-5/16"		60.0	66.7	60.0	66.6	
26-1/2"		60.0	70.0	60.0	70.0	
32"		60.0	70.0	60.0	70.0	
37"		60.0	70.0	60.0	70.0	
42"	57~3/4"	60.0	70.0	60.0	70.0	
48"		60.0	63.1	60.0	64.0	
53-1/8"		55.9	55.9	57.6	57.6	
57~5/16"		55.9	55.9	57.6	57.6	

GLASS	CAPACITIES	ON	THIS	CHART	ARE	BASED	ON
ASTM	E1300-98	(60	SEC.	WIND)			

DESIGN LOAD CAPACITY - PSF						
777170 037	22240		TYPES	GLASS TYPES		
WINDOW DIMS.		'A' & 'B'		'A1' & 'B1'		
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
26-1/2"		60.0	70.0	60.0	70.0	
32"		60.0	70.0	60.0	70.0	
37"		60,0	70.0	60.0	70.0	
42"	34-1/4"	60.0	70.0	60.0	70.0	
48"		60.0	70.0	60.0	70.0	
53-1/8"		60.0	70.0	60.0	70.0	
57-5/16"		60.0	70.0	60.0	70.0	
26-1/2"		60.0	70.0	60.0	70.0	
32"		60.0	70.0	60.0	70.0	
37"		60.0	70.0	60.0	70.0	
42"	46-1/4"	60.0	70.0	60.0	70.0	
48"		60.0	70.0	60.0	70.0	
53-1/8"		60.0	70.0	60.0	70.0	
57~5/16"		60.0	70.0	60.0	70.0	
26-1/2"		60.0	70.0	60.0	70.0	
32"		60.0	70.0	60.0	70.0	
37"		60.0	70.0	60.0	70.0	
42"	573/4"	60,0	70.0	60.0	70.0	
48"		60.0	70.0	60.0	70.0	
53-1/8"		60.0	70.0	60.0	70.0	
57-5/16"	-7	60.0	70.0	60.0	70.0	

GLASS CAPACITIES ON THIS CHART ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS).





GLAZING OPTIONS

By Maurices Miami/Dade Product Control

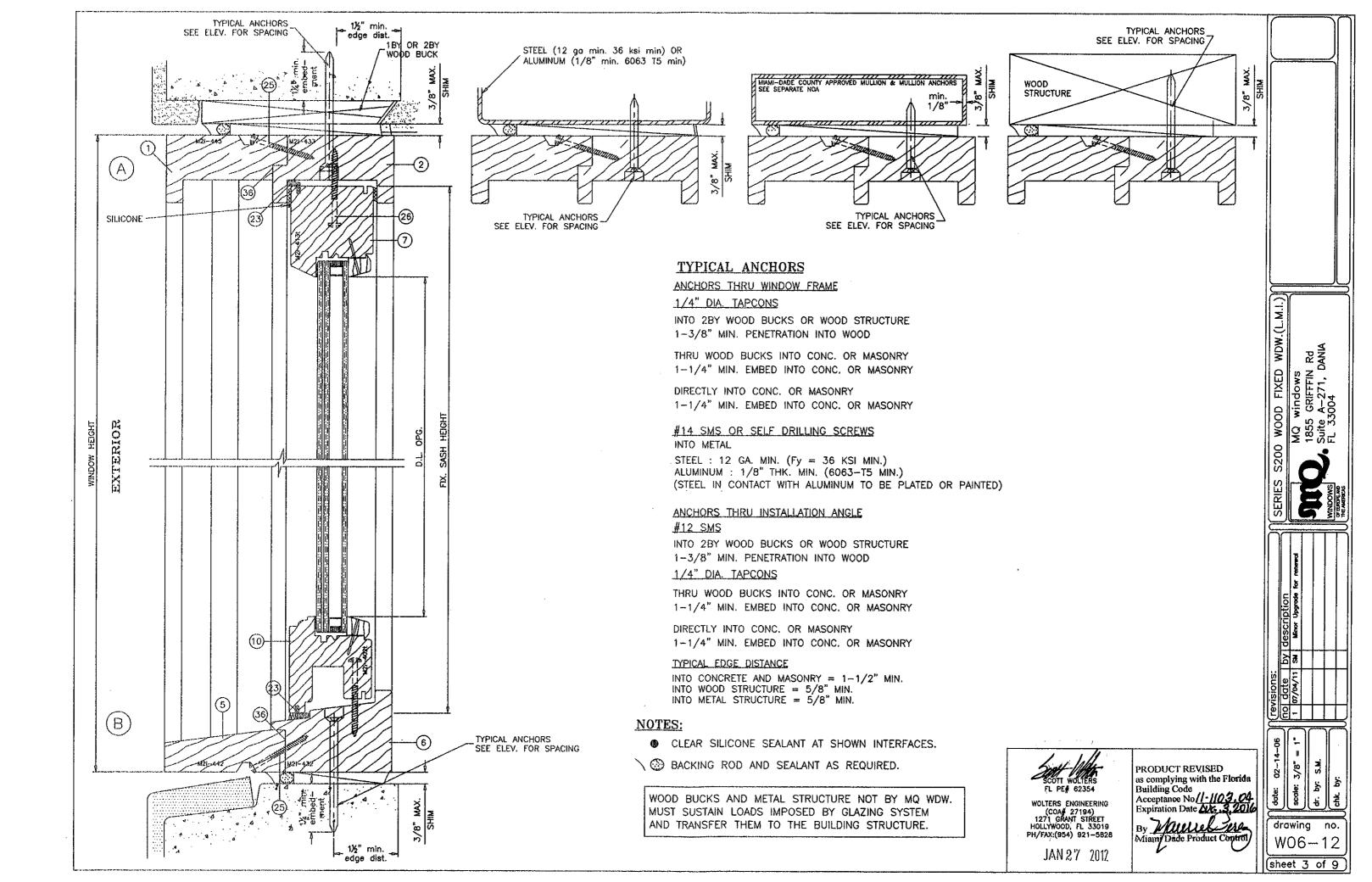
drawing no. W06-12

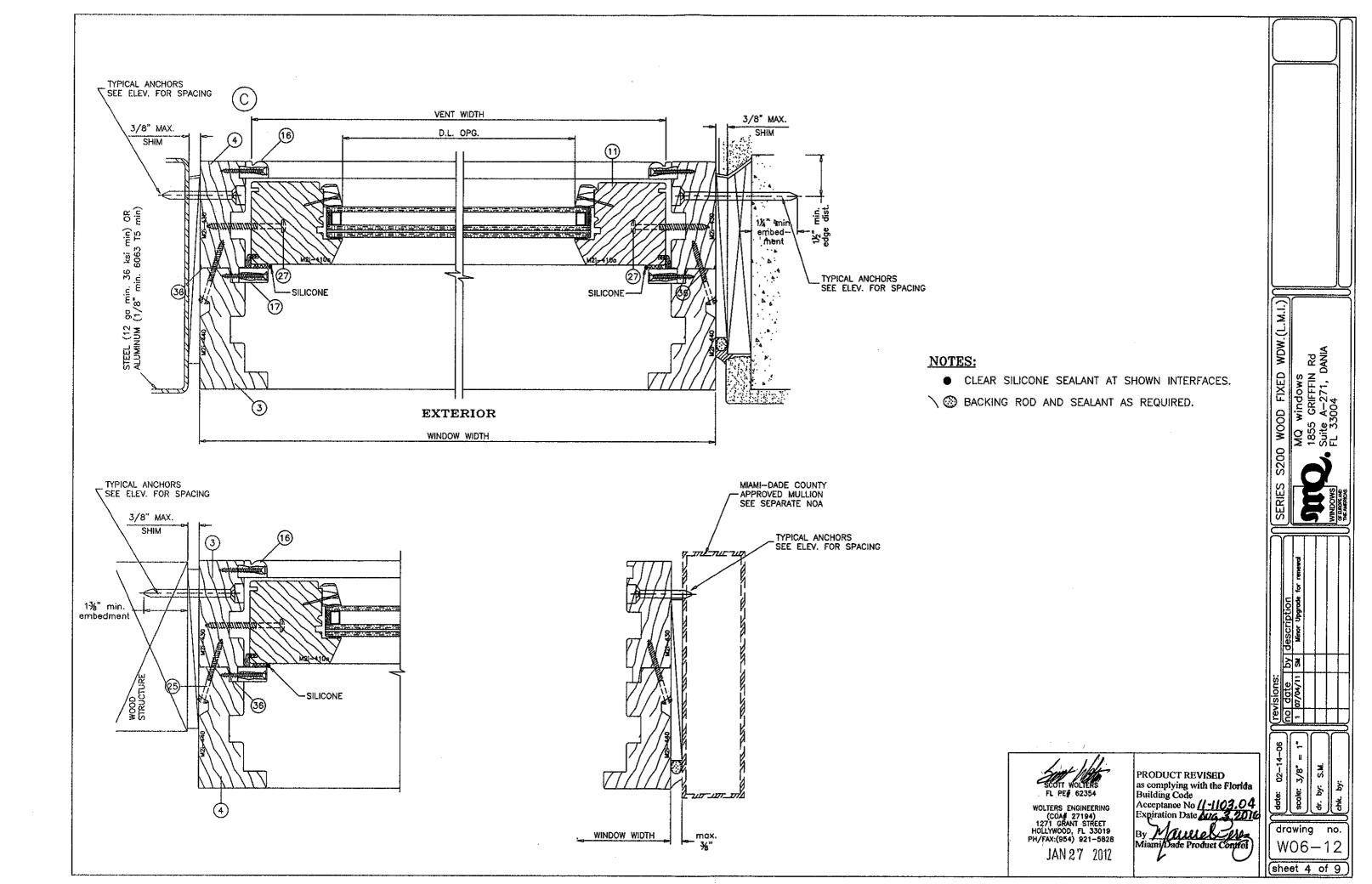
02-14-06

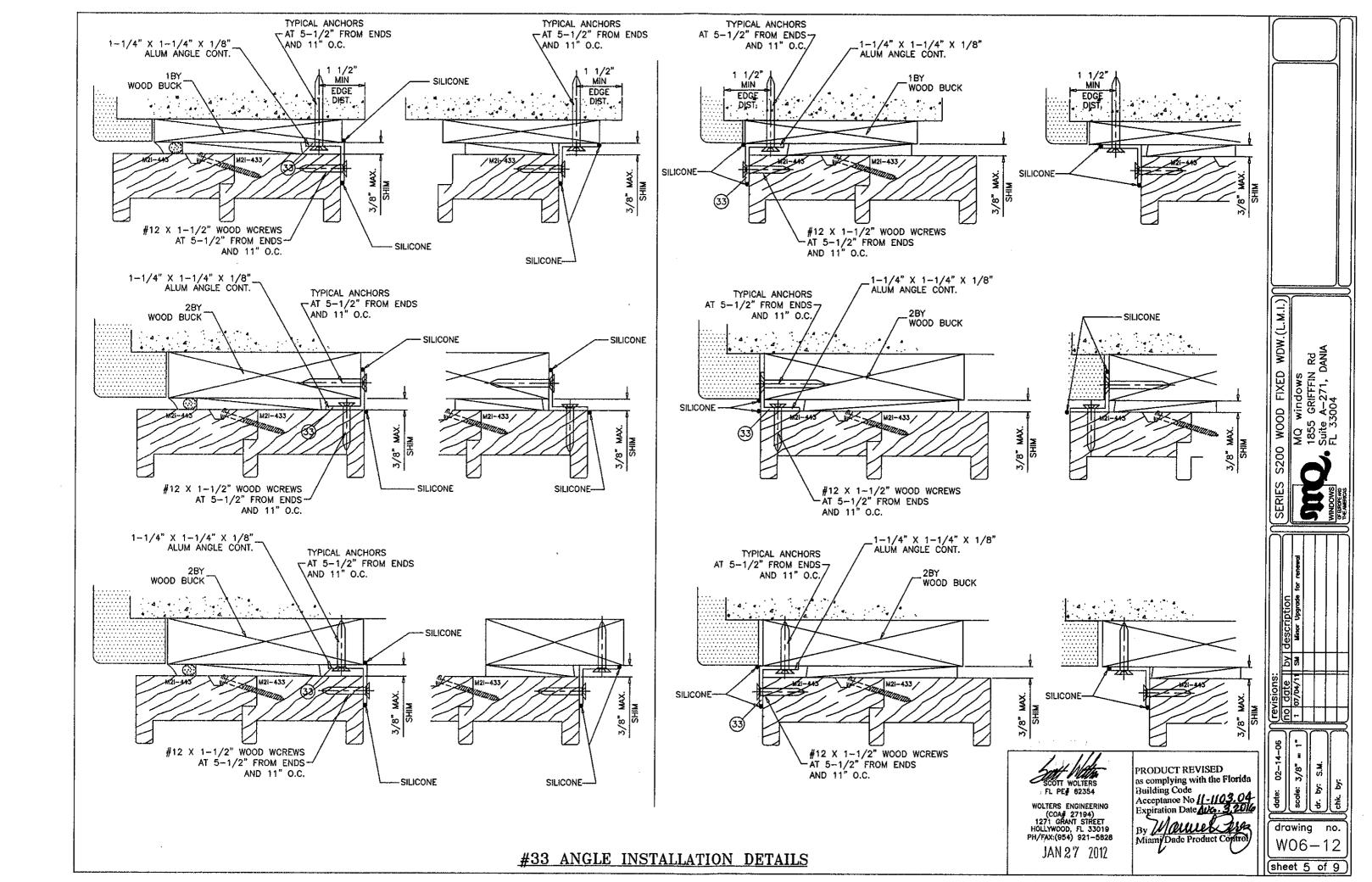
€ 6 -

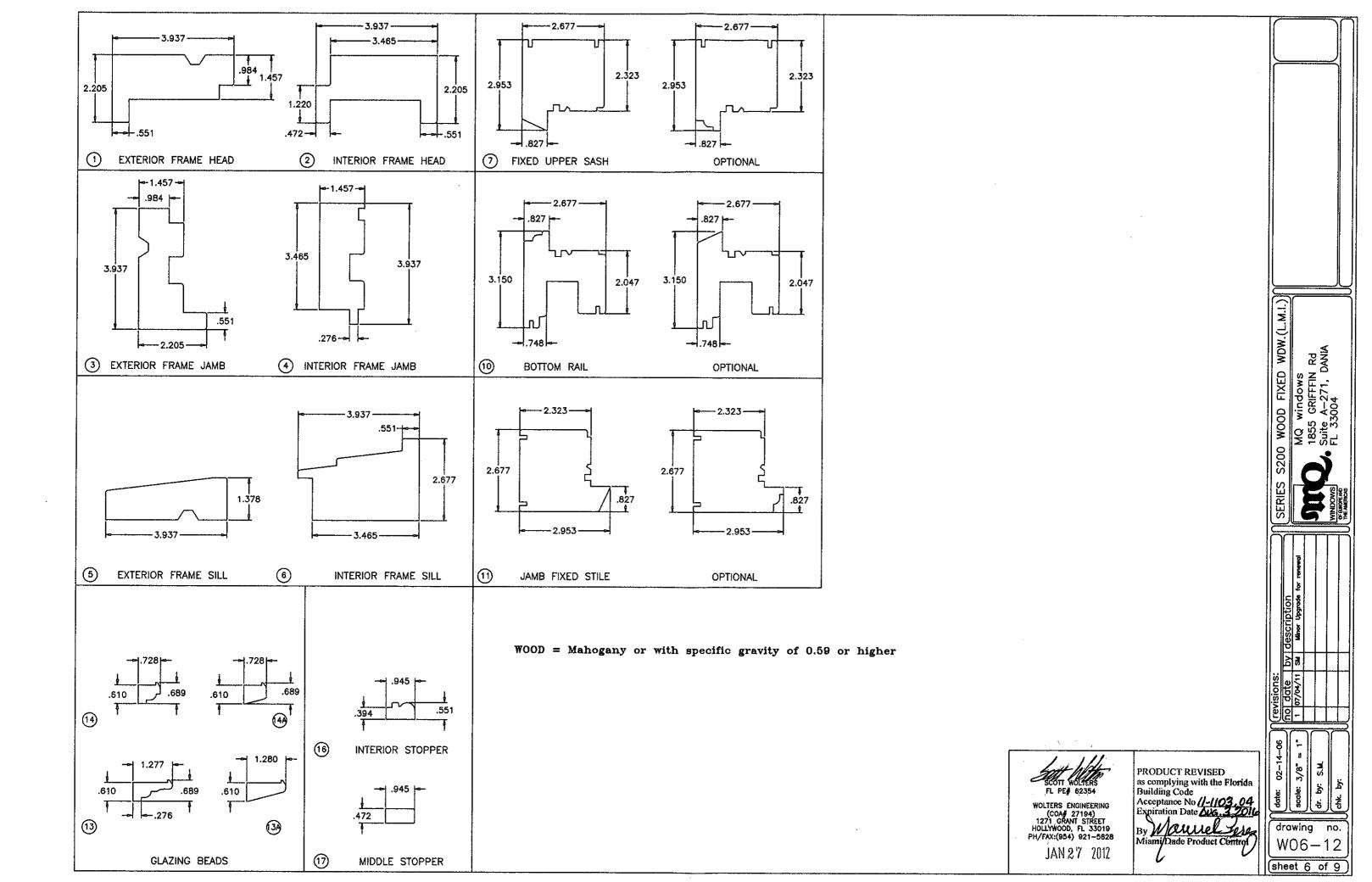
7 2012

JAN 27 2012









WOOD = Mahogany or with specific gravity of 0.59 or higher

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS	
1	M2i-443	1/ WDW.	EXTERIOR FRAME HEAD	WOOD	MQ WDW.	
2	M21-433	1/ WDW.	INTERIOR FRAME HEAD	WOOD	MQ WDW.	
3	M2i-440	2/ WDW.	EXTERIOR FRAME JAMB	WOOD	MQ WDW.	
4	M2i-430	2/ WDW.	INTERIOR FRAME JAMB	WOOD	MQ WDW.	
5	M2i~442	1/ WDW.	EXTERIOR FRAME SILL	WOOD	MQ WDW.	
6	M2i-432	1/ WDW.	INTERIOR FRAME SILL	WOOD	MQ WDW.	
7	M2i-413A	1/ WDW.	FIXED UPPER SASH	WOOD	MQ WDW.	
10	M2i-402T	1/ WDW.	BOTTOM RAIL	WOOD	MQ WDW.	
11	M2i-410A	2/ WDW.	JAMB FIXED STILE	WOOD	MQ WDW.	
13	G1-075	4/ SASH	GLAZING BEAD (LAMINATED GLASS)	WOOD	MQ WDW.	
13A	G1074	4/ SASH	ALT. GLAZING BEAD (LAM. GLASS)	WOOD	MQ WDW.	
14	G1-045	4/ SASH	GLAZING BEAD (LAM. INSUL. GLASS)	WOOD	MQ WDW.	
14A	G1-044	4/ SASH	ALT. GLAZING BEAD (LAM. INSUL. GLASS)	WOOD	MQ WDW.	
16	G2-080	2/ WDW.	INTERIOR STOPPER	WOOD	MQ WDW.	
17	G2-081	2/ WDW.	MIDDLE STOPPER	WWOD	MQ WDW.	
23	12057	AS REQD.	W'STRIPPING GASKET	EPDM	AMESBURY	
25	#10X2"	AS REQD.	FRAME RH ASSY SCREWS	STEEL	AT 24" O.C. MAX. & 6" max. o.c.	
26	#12X2-1/2"	AS REQD.	SASH RH ASSY SCREWS	STEEL	AT 5-1/2" FROM ENDS & 12" O.C. MAX.	
33		inst. option	Continuous Angle (1/8" x 1 1/4" x 1 1/4")	Aluminum 6005A-T5	with #12 x 1/1/2" long wood screws 1" from the edge and 11" o.c.; minimum 1 3/8" embedment	
34	DC832	along glass perimeter	1/16" X 1/2" BEAD	BLACK SILICONE		
35	Spectrem2	along glass perimeter	1/32" X 1/2" bead, between glazing bead and int, face of the glass	CLEAR SILICONE	TREMCO	
36	3W-4B	along shown wood surface	.,,	white PVA glue	RHENOCOLL GMBH	

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No //- 1/03.04
Expiration Date No. 3.2016 WOLTERS ENGINEERING (COA# 27194) 1271, GRANT STREET HOLLYWOOD, FL 33019 PH/FAX:(954) 921-5828 JAN 27 2012 sheet 7 of 9

